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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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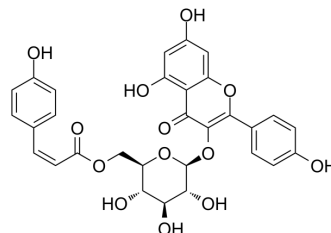
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cis-Tiliroside

Cat. No.:	HY-126422
CAS No.:	163956-16-9
Molecular Formula:	C ₃₀ H ₂₆ O ₁₃
Molecular Weight:	594.52
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	cis-Tiliroside, a kaempferol derivative, is a flavonoid glycoside. cis-Tiliroside exhibits better cytotoxic activity than trans-Tiliroside in A549 cell line ^[1] .
In Vitro	cis-Tiliroside has CC ₅₀ s of 68.05 µg/mL and 18.82 µg/mL for A549 cell line in 24 h or 48 h, respectively. trans-Tiliroside has CC ₅₀ s of 149.90 µg/mL and 144.74 µg/mL for A549 cell line in 24 h or 48 h, respectively ^[1] . cis-Tiliroside exhibits better cytotoxic activity than kaempferol, which has CC ₅₀ s of 129.15 µg/mL and 113.48 µg/mL for A549 cell line in 24 h or 48 h, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Chi-Ren Liao, et al. Studies on cytotoxic constituents from the leaves of *Elaeagnus oldhamii* Maxim. in non-small cell lung cancer A549 cells. *Molecules*. 2014 Jul 4;19(7):9515-34.

Caution: Product has not been fully validated for medical applications. For research use only.

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